

Amendments to the Specification:

At the indicated page and line number, please replace the existing paragraphs with the following paragraphs:

(Please replace the Table at page 43, immediately after line 5 with the amended Table below)

P1	MEHDLERGPPGPRRPPRGPP (SEQ ID NO: 1)	P39	HSDEHHHDDSLPHPQQATDD (SEQ ID NO: 39)
P2	ERGPPGPRRPPRGPPPLSSSL (SEQ ID NO: 2)	P40	HHDDSLPHPQQATDDSGHES (SEQ ID NO: 40)
P3	GPRRPPRGPPPLSSSLGLALL (SEQ ID NO: 3)	P41	LPHPQQATDDSGHESDSNSN (SEQ ID NO: 41)
P4	PRGPPLSSSLGLALLLLLLA (SEQ ID NO: 4)	P42	QATDDSGHESDSNSNEGRHH (SEQ ID NO: 42)
P5	LSSSLGLALLLLLLALLFWL (SEQ ID NO: 5)	P43	SGHESDSNSNEGRHHLLVSG (SEQ ID NO: 43)
P6	GLALLLLLLALLFWLYIVMS (SEQ ID NO: 6)	P44	DSNSNEGRHHLLVSGAGDGP (SEQ ID NO: 44)
P7	LLLLALLFWLYIVMSDWTGG (SEQ ID NO: 7)	P45	EGRHHLLVSGAGDGPPLCSQ (SEQ ID NO: 45)
P8	LLFWLYIVMSDWTGGALLVL (SEQ ID NO: 8)	P46	LLVSGAGDGPPLCSQNLGAP (SEQ ID NO: 46)
P9	YIVMSDWTGGALLVLYSFAL (SEQ ID NO: 9)	P47	AGDGPPLCSQNLGAPGGGPD (SEQ ID NO: 47)
P10	DWTGGALLVLYSFALMLIII (SEQ ID NO: 10)	P48	PLCSQNLGAPGGGPDNGPQD (SEQ ID NO: 48)
P11	ALLVLYSFALMLIIIIILIIIF (SEQ ID NO: 11)	P49	NLGAPGGGPDNGPQDPDNTD (SEQ ID NO: 49)
P12	YSFALMLIIIIILIIIFIFRRD (SEQ ID NO: 12)	P50	GGGPDNGPQDPDNTDDNGPQ (SEQ ID NO: 50)
P13	MLIIIIILIIIFIFRRDLLCPL (SEQ ID NO: 13)	P51	NGPQDPDNTDDNGPQDPDNT (SEQ ID NO: 51)
P14	ILIIIFIFRRDLLCPLGALCI (SEQ ID NO: 14)	P52	PDNTDDNGPQDPDNTDDNGP (SEQ ID NO: 52)
P15	IFRRDLLCPLGALCILLMI (SEQ ID NO: 15)	P53	DNGPQDPDNTDDNGPHDPLP (SEQ ID NO: 53)
P16	LLCPLGALCILLMITLLLI (SEQ ID NO: 16)	P54	DPDNTDDNGPHDPLPQDPDN (SEQ ID NO: 54)
P17	GALCILLMITLLLIALLWNL (SEQ ID NO: 17)	P55	DDNGPHDPLPQDPDNTDDNG (SEQ ID NO: 55)
P18	LLMITLLLIALLWNLHGQAL (SEQ ID NO: 18)	P56	HDPLPQDPDNTDDNGPQDPD (SEQ ID NO: 56)
P19	TLLLIALLWNLHGQALFLGIV (SEQ ID NO: 19)	P57	QDPDNTDDNGPQDPDNTDDN (SEQ ID NO: 57)
P20	ALWNLHGQALFLGIVLFIFG (SEQ ID NO: 20)	P58	TDDNGPQDPDNTDDNGPHDP (SEQ ID NO: 58)
P21	HGQALFLGIVLFIFGCLLVL (SEQ ID NO: 21)	P59	PQDPDNTDDNGPHDPLPHSP (SEQ ID NO: 59)
P22	FLGIVLFIFGCLLVLGIIY	P60	NTDDNGPHDPLPHSPSDSAG

P23	<u>(SEQ ID NO: 22)</u> LFIFGCLLVLGIWIYLLLEML	P61	<u>(SEQ ID NO: 60)</u> GPHDPLPHSPSDSAGNDGGP
P24	<u>(SEQ ID NO: 23)</u> CLLVLGIWIYLLLEMLWRLGA	P62	<u>(SEQ ID NO: 61)</u> LPHSPSDSAGNDGGPPQLTE
P25	<u>(SEQ ID NO: 24)</u> GIWIYLLLEMLWRLGATIWQL	P63	<u>(SEQ ID NO: 62)</u> SSGSGGDDDDPHGVPQLSYYD
P26	<u>(SEQ ID NO: 25)</u> LLEMLWRLGATIWQLLAFFL	P64	<u>(SEQ ID NO: 63)</u> SDSAGNDGGPPQLTEEEVENK
P27	<u>(SEQ ID NO: 26)</u> WRLGATIWQLLAFFLAFFLD	P65	<u>(SEQ ID NO: 64)</u> NDGGPPQLTEEEVENKGGDQG
P28	<u>(SEQ ID NO: 27)</u> TIWQLLAFFLAFFLDLILLI	P66	<u>(SEQ ID NO: 65)</u> PQLTEEEVENKGGDQGPPLMT
P29	<u>(SEQ ID NO: 28)</u> LAFFLAFFLDLILLIIALYL	P67	<u>(SEQ ID NO: 66)</u> EVENKGGDQGPPLMTDGGGG
P30	<u>(SEQ ID NO: 29)</u> AFFLDLILLIIALYLQQNWW	P68	<u>(SEQ ID NO: 67)</u> GGDQGPPLMTDGGGGHSHDS
P31	<u>(SEQ ID NO: 30)</u> LILLIIALYLQQNWWTLLVD	P69	<u>(SEQ ID NO: 68)</u> PPLMTDGGGGHSHDSGHGGG
P32	<u>(SEQ ID NO: 31)</u> IALYLQQNWWTLLVDLLWLL	P70	<u>(SEQ ID NO: 69)</u> DGGGGHSHDSGHGGGDPHLP
P33	<u>(SEQ ID NO: 32)</u> QQNWWTLLVDLLWLLFLAI	P71	<u>(SEQ ID NO: 70)</u> HSHDSGHGGGDPHLPTLLLG
P34	<u>(SEQ ID NO: 33)</u> TLLVDLLWLLFLAILIWMY	P72	<u>(SEQ ID NO: 71)</u> GHGGGDPHLPTLLLGSSSGS
P35	<u>(SEQ ID NO: 34)</u> LLWLLFLAILIWMYYHGQR	P73	<u>(SEQ ID NO: 72)</u> DPHLPTLLLGSSSGSGDDDD
P36	<u>(SEQ ID NO: 35)</u> LFLAILIWMYYHGQRHSDEH	P74	<u>(SEQ ID NO: 73)</u> TLLLGSSSGSGDDDDPHGPV
P37	<u>(SEQ ID NO: 36)</u> LIWMYYHGQRHSDEHHHDDS	P75	<u>(SEQ ID NO: 74)</u> LFLAILIWMYYHGQRHSDEH
P38	<u>(SEQ ID NO: 37)</u> YHGQRHSDEHHHDDSLPHPQ		<u>(SEQ ID NO: 75)</u>
	<u>(SEQ ID NO: 38)</u>		

(Please replace the Table which begins at page 43, following the statement, "A similar panel of peptides was prepared from LMP2 having sequences as follows:" with the amended Table below)

P1'	<u>MGSLEMVPMGAGPPSPGGDP</u> <u>(SEQ ID NO: 76)</u>	P49'	<u>WRRLTVCGGIMFLACVLVLI</u> <u>(SEQ ID NO: 124)</u>
P2'	<u>MVPMGAGPPSPGGDPDGYDG</u> <u>(SEQ ID NO: 77)</u>	P50'	<u>VCGGIMFLACVLVLIVDAVL</u> <u>(SEQ ID NO: 125)</u>
P3'	<u>AGPPSPGGDPDGYDGGNNSQ</u> <u>(SEQ ID NO: 78)</u>	P51'	<u>MFLACVLVLIVDAVLQLSPL</u> <u>(SEQ ID NO: 126)</u>
P4'	<u>PGGDPDGYDGGNNSQYPSAS</u> <u>(SEQ ID NO: 79)</u>	P52'	<u>VLVLIVDAVLQLSPLLGAVT</u> <u>(SEQ ID NO: 127)</u>

P5' DGYDGGMNSQYPSASGSSGN
 (SEQ ID NO: 80)
 P6' GNNSQYPSASGSSGNTPTTP
 (SEQ ID NO: 81)
 P7' YPSASGSSGNTPTPPMDEER
 (SEQ ID NO: 82)
 P8' GSSGNTPTPPNDEERESNEE
 (SEQ ID NO: 83)
 P9' TPTPPNDEERESNEEPPPPY
 (SEQ ID NO: 84)
 P10' NDEERESNEEPPPPYEDPYW
 (SEQ ID NO: 85)
 P11' RESNEEPPPPYEDYWNGND
 (SEQ ID NO: 86)
 P12' EPPPPYEDPYWNGDRHSDY
 (SEQ ID NO: 87)
 P13' YEDPYWNGDRHSDYQPLGT
 (SEQ ID NO: 88)
 P14' WNGDRHSDYQPLGTQDQSL
 (SEQ ID NO: 89)
 P15' RHSDYQPLGTQDQSLYLGLQ
 (SEQ ID NO: 90)
 P16' QPLGTQDQSLYLGLQHDGND
 (SEQ ID NO: 91)
 P17' QDQSLYLGLQHDGNDGLPPP
 (SEQ ID NO: 92)
 P18' LGLQHDGNDGLPPPPYSPRD
 (SEQ ID NO: 93)
 P19' DGNDGLPPPPYSPRDDSSQH
 (SEQ ID NO: 94)
 P20' LPPPPYSPRDDSSQHIYEEA
 (SEQ ID NO: 95)
 P21' PPYSPRDDSSQHIYEEAGRG
 (SEQ ID NO: 96)
 P22' RDDSSQHIYEEAGRGSMNPV
 (SEQ ID NO: 97)
 P23' QHIYEEAGRGSMNPVCLPVI
 (SEQ ID NO: 98)
 P24' EAGRGSMNPVCLPVIVAPYL
 (SEQ ID NO: 99)
 P25' SMNPVCLPVIVAPYLFWLAA
 (SEQ ID NO: 100)
 P26' CLPVIVAPYLFWLAAIAASC
 (SEQ ID NO: 101)
 P27' VAPYLFWLAAIAASCFTASV
 (SEQ ID NO: 102)
 P28' FWLAAIAASCFTASVSTVVT
 (SEQ ID NO: 103)
 P29' IAASCFTASVSTVVTATGLA
 (SEQ ID NO: 104)
 P30' FTASVSTVVTATGLALSLLL
 (SEQ ID NO: 105)
 P31' STVVTATGLALSLLLLAAVA

P53' VDAVLQLSPLLGAVTTVVSM
 (SEQ ID NO: 128)
 P54' QLSPLLGAVTTVVSMFLLLA
 (SEQ ID NO: 129)
 P55' LGAVTVVSMFLLLAFVLWL
 (SEQ ID NO: 130)
 P56' VVSMFLLLAFVLWLSSPGG
 (SEQ ID NO: 131)
 P57' LLLAFVLWLSSPGGLGTLG
 (SEQ ID NO: 132)
 P58' FVLWLSSPGGLGTLGAALLT
 (SEQ ID NO: 133)
 P59' SSPGGLGTLGAALLTLAAAL
 (SEQ ID NO: 134)
 P60' LGTLGAALLTLAAALALLAS
 (SEQ ID NO: 135)
 P61' AALLTLAAALALLASLILGT
 (SEQ ID NO: 136)
 P62' LAAALALLASLILGTNLTT
 (SEQ ID NO: 137)
 P63' ALLASLILGTNLTTMFLLM
 (SEQ ID NO: 138)
 P64' LILGTNLTTMFLLMLLWTL
 (SEQ ID NO: 139)
 P65' LNLTTMFLLMLLWTLVLLI
 (SEQ ID NO: 140)
 P66' MFLLMLLWTLVLLICSSCS
 (SEQ ID NO: 141)
 P67' LLWTLVLLICSSCSSCPLS
 (SEQ ID NO: 142)
 P68' VLLICSSCSSCPLSKILLA
 (SEQ ID NO: 143)
 P69' CSSCSSCPLSKILLARFLY
 (SEQ ID NO: 144)
 P70' SCPLSKILLARFLYALALL
 (SEQ ID NO: 145)
 P71' KILLARFLYALALLLLASA
 (SEQ ID NO: 146)
 P72' RLFLYALALLLLASALIAGG
 (SEQ ID NO: 147)
 P73' ALALLLLASALIAGGSILQT
 (SEQ ID NO: 148)
 P74' LLASALIAGGSILQTNFKSL
 (SEQ ID NO: 149)
 P75' LIAGGSILQTNFKSLSSSTEF
 (SEQ ID NO: 150)
 P76' SILQTNFKSLSSSTEFIPNLF
 (SEQ ID NO: 151)
 P77' NFKSLSSSTEFIPNLFMMLL
 (SEQ ID NO: 152)
 P78' SSTEFIPNLFMMLLLIVAGI
 (SEQ ID NO: 153)
 P79' IPNLFMMLLLIVAGILFILA

(SEQ ID NO: 106)
 P32' ATGLALSLLLLAAVASSYAA
 (SEQ ID NO: 107)
 P33' LLLLLAAVASSYAAAQRKL
 (SEQ ID NO: 108)
 P34' LAAVASSYAAAQRKLLTPVT
 (SEQ ID NO: 109)
 P35' SSYAAAQRKLLTPVTVLTAV
 (SEQ ID NO: 110)
 P36' AQRKLLTPVTVLTAVVTFFA
 (SEQ ID NO: 111)
 P37' LTPVTVLTAVVTFFAICLTW
 (SEQ ID NO: 112)
 P38' VLTAVVTFFAICLTWRIEDP
 (SEQ ID NO: 113)
 P39' VTFFAICLTWRIEDPPFNSL
 (SEQ ID NO: 114)
 P40' ICLTWRIEDPPFNSLLFALL
 (SEQ ID NO: 115)
 P41' RIEDPPFNSLLFALLAAAGG
 (SEQ ID NO: 116)
 P42' PFNSLLFALLAAAGGLQGIY
 (SEQ ID NO: 117)
 P43' LFALLAAAGGLQGIYVLVML
 (SEQ ID NO: 118)
 P44' AAAGGLQGIYVLVMLVLLIL
 (SEQ ID NO: 119)
 P45' LQGIYVLVMLVLLILAYRRR
 (SEQ ID NO: 120)
 P46' VLVMLVLLILAYRRRWRRLT
 (SEQ ID NO: 121)
 P47' VLLILAYRRRWRRLTVCGGI
 (SEQ ID NO: 122)
 P48' AYRRRWRRLTVCGGIMFLAC
 (SEQ ID NO: 123)

(SEQ ID NO: 154)
 P80' CMLLLIVAGILFILAILTEW
 (SEQ ID NO: 155)
 P81' IVAGILFILAILTEWGSGNR
 (SEQ ID NO: 156)
 P82' LFILAILTEWGSGNRITYGPV
 (SEQ ID NO: 157)
 P83' ILTEWGSGNRITYGPVFMCLG
 (SEQ ID NO: 158)
 P84' GSGNRITYGPVFMCLGGLLTM
 (SEQ ID NO: 159)
 P85' FMCLGGLLTMVAGAVWLTVM
 (SEQ ID NO: 160)
 P86' GLLTMVAGAVMLTVMSNTLL
 (SEQ ID NO: 161)
 P87' VAGAVWLTVMMSNTLLSAWIL
 (SEQ ID NO: 162)
 P88' WLTVMMSNTLLSAWILTAGFL
 (SEQ ID NO: 163)
 P89' SNTLLSAWILTAGFLIFLIG
 (SEQ ID NO: 164)
 P90' SAWILTAGFLIFLIGFALFG
 (SEQ ID NO: 165)
 P91' TAGFLIFLIGFALFGVIRCC
 (SEQ ID NO: 166)
 P92' IFLIGFALFGVIRCCRYCCY
 (SEQ ID NO: 167)
 P93' FALFGVIRCCRYCCYYCLTL
 (SEQ ID NO: 168)
 P94' VIRCCRYCCYYCLTLESEER
 (SEQ ID NO: 169)
 P95' RYCCYYCLTLESEERPPTY
 (SEQ ID NO: 170)
 P96' YYCLTLESEERPPTYRNTV
 (SEQ ID NO: 171)